WHAT IS CLAIMED IS:

1. A method for displaying gene expression data, comprising: combining expression level data of a plurality of genes from an experiment using Samples A and B and expression level data of a plurality of genes from an experiment using Samples A and C, as mediated by the expression level data of genes for Sample A which is commonly used in both experiments; and displaying the results of the combination.

2. A method for displaying gene expression data according to claim 1, comprising displaying the expression level data of the plurality of genes by taking expression levels of the genes for Samples A, B and C on the x-, y- and z-axes, respectively.

3. A method for displaying gene expression data according to claim 2, comprising: combining the expression level data of the genes from the two experiments such as to conserve a ratio of the expression levels of each gene between Samples A and B and a ratio of the expression levels of each gene between Samples A and C; and displaying coordinate positions obtained by the combination on a surface of a sphere.

4. A method for displaying gene expression data according to claim 2, comprising: combining the expression level data of the genes from the two experiments such as to conserve the magnitude relation of the expression levels of each gene between Samples A and B and the magnitude relation of the expression levels of each gene between Samples A and C, as well as to conserve a ratio of the expression levels of each

gene between Samples A and B and a ratio of the expression levels of each gene between Samples A and C; and displaying coordinate positions obtained by the combination inside a sphere.

5. A method for displaying gene expression data according to claim 3, comprising: performing a clustering analysis based on the displayed position of each gene on the sphere; and displaying a gene group obtained by the clustering analysis as a region on the sphere.

6. A method for displaying gene expression data according to claim 4, comprising: performing a clustering analysis based on the three-dimensional position of each gene displayed inside the sphere; and displaying a gene group obtained by the clustering analysis as a region inside the sphere.

7. A method for displaying gene expression data according to either one of claims 3 and 4, wherein the expression level data is data in a time series, which is displayed based on the expression level data at respective time points for each gene such that the direction of the changes of the coordinate positions with time can be understood.

8. A method for displaying gene expression data according to either one of claims 5 and 6, wherein the expression level data is data in a time series, and changes of the regions with time are displayed.